

Title (en)  
CONVEYING METHOD

Title (de)  
FÖRDERVERFAHREN

Title (fr)  
PROCÉDÉ DE TRANSPORT

Publication  
**EP 3072835 B1 20190508 (EN)**

Application  
**EP 16000577 A 20160310**

Priority  
JP 2015065399 A 20150327

Abstract (en)  
[origin: EP3072835A1] An object of the present invention is to provide a conveying apparatus that increases the conveying speed of a conveyance object, and improves reliability and conveyance efficiency at low cost. Acceleration/deceleration sections (23, 27), each of which includes a plurality of variable-speed conveyance sections, are provided among constant-speed conveyance sections (21, 25, 29). The conveying speed of a conveyance object (50) is continuously accelerated or decelerated while the conveyance object (50) passes through the acceleration/deceleration sections (23, 27). This changes the conveying speed from the conveying speed of the upstream constant-speed conveyance section to the conveying speed of the downstream constant-speed conveyance section. Thus, it is controlled that the conveying speed and the conveyance acceleration/deceleration is identical between the upstream conveyance section and the downstream conveyance section when the conveyance object (50) is transferred from the upstream conveyance section to the downstream conveyance section.

IPC 8 full level  
**B65G 43/10** (2006.01); **B65G 47/31** (2006.01)

CPC (source: CN EP RU US)  
**B65G 37/00** (2013.01 - CN); **B65G 43/08** (2013.01 - CN); **B65G 43/10** (2013.01 - EP RU US); **B65G 47/31** (2013.01 - RU);  
**B65G 47/52** (2013.01 - RU US); **B65G 47/31** (2013.01 - EP US); **B65G 2203/0258** (2013.01 - CN); **B65G 2203/0291** (2013.01 - CN)

Citation (examination)  
JP 2000085955 A 20000328 - FUJI PHOTO FILM CO LTD

Cited by  
CN109720816A; US2022169450A1; US10768038B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3072835 A1 20160928; EP 3072835 B1 20190508**; AU 2016201667 A1 20161013; AU 2016201667 B2 20180412;  
CA 2923598 A1 20160927; CA 2923598 C 20190604; CN 106005957 A 20161012; CN 106005957 B 20190412; DK 3072835 T3 20190729;  
ES 2734230 T3 20191204; JP 2016183042 A 20161020; JP 6369368 B2 20180808; NZ 717995 A 20180427; PL 3072835 T3 20191031;  
RU 2016111113 A 20170928; RU 2660178 C2 20180705; SG 10201601884X A 20161028; TW 201634364 A 20161001; TW I609828 B 20180101;  
US 2016280469 A1 20160929; US 9592965 B2 20170314

DOCDB simple family (application)  
**EP 16000577 A 20160310**; AU 2016201667 A 20160318; CA 2923598 A 20160311; CN 201610129986 A 20160308; DK 16000577 T 20160310;  
ES 16000577 T 20160310; JP 2015065399 A 20150327; NZ 71799516 A 20160315; PL 16000577 T 20160310; RU 2016111113 A 20160325;  
SG 10201601884X A 20160310; TW 105104529 A 20160217; US 201615070031 A 20160315